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ATTORNEY DOCKET NO. 046124-5333

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Akira SHIRAKAWA et al.

Application No.: 10/518,234

Filed: December 16, 2004

For: FIBER LASER UNIT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

A European Search Report dated June 16, 2005 is attached together with the six (6) documents listed thereon. The six (6) referenced documents are listed on the PTO Form 1449.

A copy of each listed document is attached. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form. As for any document listed on the accompanying PTO-1449 that is in a language other than English, relevance can be understood from an enclosed English

abstract or at least partial translation or from mention in the specification or search report for a corresponding application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed document is material or constitutes "prior art." If it should be determined that the listed document does not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed document, should the document be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**



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Dated: August 22, 2005

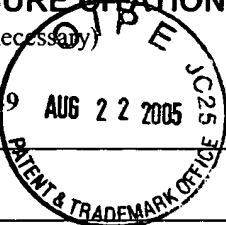
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**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

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Applicants

Akira SHIRAKAWA et al.

Filing Date

December 16, 2004

Group

unassigned

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Lyndin et al., "Coherent coupling of two Nd <sup>3+</sup> -doped single-mode waveguide lasers using Y-junction," Proceedings of the SPIE, Vol. 2212, April 1994, pp. 564-570
	Lyndin et al., "Laser System Composed of Several active elements connected by single-mode couplers," American Institute of Physics, Vol. 24, No. 12, December 1994, pp. 1058-1061
	Kozlov et al., "All-fiber coherent beam combining of fiber lasers," Optics Letters, Optical Society of America, Vol. 24, December 1999, pp. 1814-1816
	Kibler et al., "Optical Data Links for Automotive Applications," 2004 Electronic Components and Technology Conference, June 1-4, 2004, Vol. 2, pp. 1360-1370
	Shirakawa et al., "Coherent addition of Fiber lasers by use of a fiber coupler," Optics Express, Optical Society of America, Vol. 10, No. 21, October 21, 2002, pp. 1167-1172
	Sabourdy et al., "Power scaling of fibre lasers with all-fibre interferometric cavity," Electronics Letters, Vol. 38, No. 14, July 4, 2002, pp. 692-693

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.